

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016750.D
 Acq On : 02 Oct 2020 09:19
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Quant Time: Oct 03 04:50:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 02:28:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	603574	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	546821	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	277485	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	105837	18.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.48%
7) Chloroethane-d5	2.90	69	101171	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%
10) 1,1-Dichloroethene-d2	4.03	63	265026	20.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.16%
20) 2-Butanone-d5	7.09	46	72074	45.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.50%
24) Chloroform-d	7.65	84	327546	25.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.76%
26) 1,2-Dichloroethane-d4	8.31	65	153975	23.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.04%
29) Benzene-d6	8.28	84	548921	22.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.52%
33) 1,2-Dichloropropane-d6	9.27	67	168398	25.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.36%
37) Toluene-d8	10.32	98	493711	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.84%
38) trans-1,3-Dichloropropene-	10.58	79	72836	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.96%
39) 2-Hexanone-d5	10.93	63	61419	50.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149822	26.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	227630	25.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	187360	25.128	ug/L 100
3) Chloromethane	2.23	50	150590	27.602	ug/L 97
5) Vinyl chloride	2.37	62	220774	27.422	ug/L 99
6) Bromomethane	2.79	94	148213	24.261	ug/L 99
8) Chloroethane	2.94	64	129924	27.279	ug/L 99
9) Trichlorofluoromethane	3.27	101	184873	22.775	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	211326	27.175	ug/L 98
12) 1,1-Dichloroethene	4.05	96	204752	26.782	ug/L 94
13) Acetone	4.15	43	46780	37.492	ug/L 97
14) Carbon disulfide	4.40	76	564545	24.476	ug/L 98
15) Methyl Acetate	4.68	43	59524	20.951	ug/L 98
16) Methylene chloride	4.93	84	199351	21.415	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	235916	22.529	ug/L 97
18) trans-1,2-Dichloroethene	5.43	96	213968	27.026	ug/L 96
19) 1,1-Dichloroethane	6.22	63	334775	26.738	ug/L 98
21) 2-Butanone	7.18	43	77517	36.518	ug/L 96
22) cis-1,2-Dichloroethene	7.17	96	224952	27.384	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	103015	25.795	ug/L	94
25) Chloroform	7.68	83	368849	27.020	ug/L	99
27) 1,2-Dichloroethane	8.40	62	214152	24.450	ug/L	100
30) Cyclohexane	7.96	56	302640	25.326	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	322148	25.225	ug/L	98
32) Carbon tetrachloride	8.07	117	319978	25.789	ug/L	97
34) Benzene	8.33	78	793550	27.075	ug/L	100
35) Trichloroethene	9.09	95	225177	26.555	ug/L	99
36) Methylcyclohexane	9.34	83	376466	26.174	ug/L	99
40) 1,2-Dichloropropane	9.37	63	181966	26.694	ug/L	100
41) Bromodichloromethane	9.65	83	258629	25.603	ug/L	94
42) cis-1,3-Dichloropropene	10.07	75	293421	25.200	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	171868	39.684	ug/L	96
44) Toluene	10.39	91	884335	26.833	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	247737	24.455	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	143570	25.000	ug/L	98
47) Tetrachloroethene	10.87	164	202444	26.439	ug/L	90
49) 2-Hexanone	10.97	43	118466	43.100	ug/L	98
50) Dibromochloromethane	11.13	129	188824	25.184	ug/L	99
51) 1,2-Dibromoethane	11.24	107	138782	24.137	ug/L #	92
52) Chlorobenzene	11.66	112	593825	26.825	ug/L	100
53) Ethylbenzene	11.73	91	1009529	26.980	ug/L	98
54) m,p-Xylene	11.84	106	397569	27.135	ug/L	99
55) o-xylene	12.16	106	373247	26.591	ug/L	98
56) Styrene	12.18	104	629077	26.990	ug/L	97
57) Isopropylbenzene	12.46	105	1034291	26.967	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	155954	24.285	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	112355	23.490	ug/L	100
62) Bromoform	12.35	173	106271	22.706	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	473460	26.232	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	470162	26.600	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	420679	26.085	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	23597	20.413	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	364624	27.623	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	290623	27.217	ug/L	97
69) Naphthalene	15.37	128	477365	25.219	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	245550	26.738	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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